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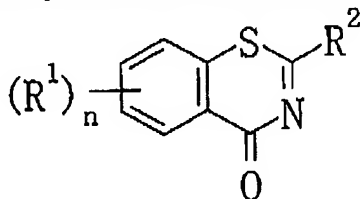
Application No. 10/537,520
Amendment dated March 12, 2009

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AMENDMENTS TO THE CLAIMS

The listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently amended) A compound represented by formula:



[wherein, R¹ represents (1) a halogen atom, (2) hydroxyl, (3) nitro, (4) an optionally halogenated C₁₋₆ alkyl, (5) a C₁₋₆ alkyl-carbonyl optionally having 1 to 5 substituents selected from (1') a halogen atom, (2') a C₁₋₃ alkylenedioxy (3') nitro, (4') cyano, (5') a C₁₋₆ alkyl which may be substituted with 1 to 5 halogen atoms, (6') a C₂₋₆ alkenyl which may be substituted with 1 to 5 halogen atoms, (7') a carboxy-C₂₋₆ alkenyl, (8') a C₂₋₆ alkynyl which may be substituted with 1 to 5 halogen atoms, (9') a C₃₋₈ cycloalkyl which may be substituted with 1 to 5 halogen atoms, (10') a C₆₋₁₄ aryl, (11') a C₁₋₆ alkoxy which may be substituted with 1 to 5 halogen atoms, (12') a C₁₋₆ alkoxy-carbonyl-C₁₋₆ alkoxy, (13') hydroxyl, (14') a C₆₋₁₄ aryloxy, (15') a C₇₋₁₆ aralkyloxy, (16') mercapto, (17') a C₁₋₆ alkylthio which may be substituted with 1 to 5 halogen atoms, (18') a C₆₋₁₄ arylthio, (19') a C₇₋₁₆ aralkylthio, (20') amino, (21') a mono-C₁₋₆ alkylamino, (22') a mono-C₆₋₁₄ arylamino, (23') a di-C₁₋₆ alkylamino, (24') a di-C₆₋₁₄ arylamino, (25') formyl, (26') carboxy, (27') a C₁₋₆ alkyl-carbonyl, (28') a C₃₋₈ cycloalkyl-carbonyl, (29') a C₁₋₆ alkoxy-carbonyl, (30') a C₆₋₁₄ aryl-carbonyl, (31') a C₇₋₁₆ aralkyl-carbonyl, (32') a C₆₋₁₄ aryloxy-carbonyl, (33') a C₇₋₁₆ aralkyloxy-carbonyl, (34') a 5- or 6-membered heterocyclic carbonyl, (35') carbamoyl, (36') a mono-C₁₋₆ alkyl-carbamoyl, (37') a di-C₁₋₆ alkyl-carbamoyl, (38') a mono-C₆₋₁₄ aryl-carbamoyl, (39') a 5- or 6-membered heterocyclic carbamoyl, (40') a C₁₋₆ alkylsulfonyl, (41') a C₆₋₁₄ arylsulfonyl, (42') formylamino, (43') a C₁₋₆ alkyl-carbonylamino, (44') a C₆₋₁₄ aryl-carbonylamino, (45') a C₁₋₆ alkoxy-carbonylamino, (46') a C₁₋₆ alkylsulfonylamino, (47') a C₆₋₁₄ arylsulfonylamino, (48') a C₁₋₆ alkyl-carbonyloxy, (49') a C₆₋₁₄ aryl-carbonyloxy, (50') a C₁₋₆ alkoxy-carbonyloxy, (51') a mono-C₁₋₆ alkyl-carbamoyloxy, (52') a di-C₁₋₆ alkyl-carbamoyloxy, (53') a mono-C₆₋₁₄ aryl-carbamoyloxy, (54') nicotinoyloxy, (55') a 5- to 7-

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membered saturated cyclic amino, (56') a 5- to 10-membered aromatic heterocyclic group and (57') sulfo (hereinafter simply referred to as Substituent group A);

(6) a C₂₋₆ alkenyl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A;

(7) a C₂₋₆ alkynyl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A;

(8) a C₃₋₈ cycloalkyl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A;

(9) a C₆₋₁₄ aryl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A;

(10) a C₇₋₁₆ aralkyl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A;

(11) a 5- to 14-membered heterocyclic carbonyl containing 1 to 4 hetero atoms, which are 1 or 2 different atoms selected from nitrogen, sulfur and oxygen atoms, in addition to carbon atoms (this heterocyclic carbonyl may have 1 to 5 substituents selected from the Substituent group A);

(12) an amino optionally having 1 or 2 substituents selected from (1') a C₁₋₆ alkyl optionally having 1 to 5 substituents selected from the Substituent group A, (2') a C₂₋₆ alkenyl optionally having 1 to 5 substituents selected from the Substituent group A, (3') a C₂₋₆ alkynyl optionally having 1 to 5 substituents selected from the Substituent group A, (4') a C₃₋₈ cycloalkyl optionally having 1 to 5 substituents selected from the Substituent group A, (5') a C₆₋₁₄ aryl optionally having 1 to 5 substituents selected from the Substituent group A, (6') a C₇₋₁₆ aralkyl optionally having 1 to 5 substituents selected from the Substituent group A, (7') a 5- to 14-membered heterocyclic group containing 1 to 4 hetero atoms, which are 1 or 2 different atoms selected from nitrogen, sulfur and oxygen atoms, in addition to carbon atoms, (8') a C₁₋₆ alkyl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A, (9') a C₂₋₆ alkenyl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A, (10') a C₂₋₆ alkynyl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A, (11') a C₃₋₈ cycloalkyl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A, (12') a C₆₋₁₄ aryl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A, (13') a C₇₋₁₆ aralkyl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A and

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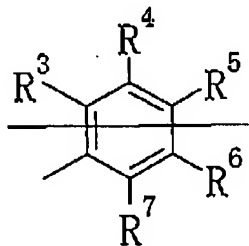
(14') a 5- to 14-membered heterocyclic carbonyl containing 1 to 4 hetero atoms, which are 1 or 2 different atoms selected from nitrogen, sulfur and oxygen atoms, in addition to carbon atoms;

R^2 represents ~~(1) a branched C_{3-6} alkyl optionally having 1 to 5 substituents selected from the Substituent group A with the proviso that 4H-1,3-Benzothiazin-4-one, 2-(1,1-dimethylethyl) is excluded;~~

~~(2) a C_{3-8} cycloalkyl optionally having 1 to 5 substituents selected from the Substituent group A;~~

~~(3) a C_{9-14} fused homocyclic group optionally having 1 to 5 substituents selected from the Substituent group A; or~~

(4) a group represented by formula:



~~(wherein, R^3 and R^7 each independently represents (1) hydrogen atom;~~

~~(2) fluorine atom;~~

~~(3) bromine atom;~~

~~(4) nitro;~~

~~(5) cyano;~~

~~(6) a C_{1-6} alkyl optionally having 1 to 5 substituents selected from the Substituent group A;~~

~~(7) a C_{1-6} alkoxy optionally having 1 to 5 substituents selected from the Substituent group A;~~

~~(8) a C_{6-14} aryl optionally having 1 to 5 substituents selected from the Substituent group A;~~

~~(9) a C_{1-6} alkyl carbonyl optionally having 1 to 5 substituents selected from the Substituent group A;~~

~~(10) a C_{2-6} alkenyl carbonyl optionally having 1 to 5 substituents selected from the Substituent group A;~~

~~(11) a C_{2-6} alkynyl carbonyl optionally having 1 to 5 substituents selected from the Substituent group A;~~

~~(12) a C_{3-8} cycloalkyl carbonyl optionally having 1 to 5 substituents selected from the Substituent group A;~~

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- (13) a C_{6-14} -aryl carbonyl optionally having 1 to 5 substituents selected from the Substituent group A;
- (14) a C_{7-16} -aralkyl carbonyl optionally having 1 to 5 substituents selected from the Substituent group A;
- (15) a 5 to 14 membered heterocyclic carbonyl containing 1 to 4 hetero atoms, which are 1 or 2 different atoms selected from nitrogen, sulfur and oxygen atoms, in addition to carbon atoms;
- (16) a C_{1-6} -alkylsulfonyl optionally having 1 to 5 substituents selected from the Substituent group A;
- (17) a carbamoyl optionally having 1 or 2 substituents selected from (1') a C_{1-6} -alkyl optionally having 1 to 5 substituents selected from the Substituent group A, (2') a C_{2-6} -alkenyl optionally having 1 to 5 substituents selected from the Substituent group A, (3') a C_{2-6} -alkynyl optionally having 1 to 5 substituents selected from the Substituent group A, (4') a C_{3-8} -cycloalkyl optionally having 1 to 5 substituents selected from the Substituent group A, (5') a C_{6-14} -aryl optionally having 1 to 5 substituents selected from the Substituent group A, (6') a C_{7-16} -aralkyl optionally having 1 to 5 substituents selected from the Substituent group A, (7') a 5 to 14 membered heterocyclic carbonyl containing 1 to 4 hetero atoms, which are 1 or 2 different atoms selected from nitrogen, sulfur and oxygen atoms, in addition to carbon atoms, (8') a C_{1-6} -alkyl carbonyl optionally having 1 to 5 substituents selected from the Substituent group A, (9') a C_{2-6} -alkenyl carbonyl optionally having 1 to 5 substituents selected from the Substituent group A, (10') a C_{2-6} -alkynyl carbonyl optionally having 1 to 5 substituents selected from the Substituent group A, (11') a C_{3-8} -cycloalkyl carbonyl optionally having 1 to 5 substituents selected from the Substituent group A, (12') a C_{6-14} -aryl carbonyl optionally having 1 to 5 substituents selected from the Substituent group A, (13') a C_{7-16} -aralkyl carbonyl optionally having 1 to 5 substituents selected from the Substituent group A and (14') a 5 to 14 membered heterocyclic carbonyl containing 1 to 4 hetero atoms, which are 1 or 2 different atoms selected from nitrogen, sulfur and oxygen atoms, in addition to carbon atoms; or,
- (18) an amino optionally having 1 or 2 substituents selected from (1') a C_{1-6} -alkyl optionally having 1 to 5 substituents selected from the Substituent group A, (2') a C_{2-6} -alkenyl optionally having 1 to 5 substituents selected from the Substituent group A, (3') a C_{2-6} -alkynyl optionally having 1 to 5 substituents selected from the Substituent group A, (4') a C_{3-8} -cycloalkyl optionally having 1 to 5 substituents selected from the Substituent group A, (5') a C_{6-14} -aryl optionally having 1 to 5 substituents selected from the Substituent group A, (6') a C_{7-16} -aralkyl optionally having 1 to 5

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~~substituents selected from the Substituent group A, (7') a 5- to 14-membered heterocyclic carbonyl containing 1 to 4 hetero atoms, which are 1 or 2 different atoms selected from nitrogen, sulfur and oxygen atoms, in addition to carbon atoms, (8') a C₁₋₆ alkyl carbonyl optionally having 1 to 5 substituents selected from the Substituent group A, (9') a C₂₋₆ alkenyl carbonyl optionally having 1 to 5 substituents selected from the Substituent group A, (10') a C₂₋₆ alkynyl carbonyl optionally having 1 to 5 substituents selected from the Substituent group A, (11') a C₃₋₈ cycloalkyl carbonyl optionally having 1 to 5 substituents selected from the Substituent group A, (12') a C₆₋₁₄ aryl carbonyl optionally having 1 to 5 substituents selected from the Substituent group A, (13') a C₇₋₁₆ aralkyl carbonyl optionally having 1 to 5 substituents selected from the Substituent group A and (14') a 5- to 14-membered heterocyclic carbonyl containing 1 to 4 hetero atoms, which are 1 or 2 different atoms selected from nitrogen, sulfur and oxygen atoms, in addition to carbon atoms;~~
R⁴ and R⁶ each independently represents

- (1) hydrogen atom;
- (2) fluorine atom;
- (3) bromine atom;
- (4) hydroxy;
- (5) cyano;
- (6) a C₁₋₆ alkyl having 1 to 3 substituents selected from carboxy, a halogen atom, a C₁₋₆ alkoxy carbonyl and a C₆₋₁₄ aryl carbonylamine;
- (7) a C₁₋₆ alkoxy optionally having 1 to 5 substituents selected from the Substituent group A;
- (8) a C₆₋₁₄ aryl optionally having 1 to 5 substituents selected from the Substituent group A;
- (9) a C₁₋₆ alkyl carbonyl optionally having 1 to 5 substituents selected from the Substituent group A;
- (10) a C₂₋₆ alkenyl carbonyl optionally having 1 to 5 substituents selected from the Substituent group A;
- (11) a C₂₋₆ alkynyl carbonyl optionally having 1 to 5 substituents selected from the Substituent group A;
- (12) a C₃₋₈ cycloalkyl carbonyl optionally having 1 to 5 substituents selected from the Substituent group A;
- (13) a C₆₋₁₄ aryl carbonyl optionally having 1 to 5 substituents selected from the Substituent group A;

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- (14) a C_{7-16} aralkyl carbonyl optionally having 1 to 5 substituents selected from the Substituent group A;
- (15) a 5 to 14 membered heterocyclic carbonyl containing 1 to 4 hetero atoms, which are 1 or 2 different atoms selected from nitrogen, sulfur and oxygen atoms, in addition to carbon atoms;
- (16) a C_{1-6} alkylsulfonyl optionally having 1 to 5 substituents selected from the Substituent group A;
- (17) a carbamoyl optionally having substituents selected from (1') a C_{1-6} alkyl optionally having 1 to 5 substituents selected from the Substituent group A, (2') a C_{2-6} alkenyl optionally having 1 to 5 substituents selected from the Substituent group A, (3') a C_{2-6} alkynyl optionally having 1 to 5 substituents selected from the Substituent group A, (4') a C_{2-8} cycloalkyl optionally having 1 to 5 substituents selected from the Substituent group A, (5') a C_{6-14} aryl optionally having 1 to 5 substituents selected from the Substituent group A, (6') a C_{7-16} aralkyl optionally having 1 to 5 substituents selected from the Substituent group A, (7') a 5 to 14 membered heterocyclic carbonyl containing 1 to 4 hetero atoms, which are 1 or 2 different atoms selected from nitrogen, sulfur and oxygen atoms, in addition to carbon atoms, (8') a C_{1-6} alkyl carbonyl optionally having 1 to 5 substituents selected from the Substituent group A, (9') a C_{2-6} alkenyl carbonyl optionally having 1 to 5 substituents selected from the Substituent group A, (10') a C_{2-6} alkynyl carbonyl optionally having 1 to 5 substituents selected from the Substituent group A, (11') a C_{2-8} cycloalkyl carbonyl optionally having 1 to 5 substituents selected from the Substituent group A, (12') a C_{6-14} aryl carbonyl optionally having 1 to 5 substituents selected from the Substituent group A, (13') a C_{7-16} aralkyl carbonyl optionally having 1 to 5 substituents selected from the Substituent group A and (14') a 5 to 14 membered heterocyclic carbonyl containing 1 to 4 hetero atoms, which are 1 or 2 different atoms selected from nitrogen, sulfur and oxygen atoms, in addition to carbon atoms;
- (18) an amino optionally having 1 or 2 substituents selected from (1') a C_{1-6} alkyl optionally having 1 to 5 substituents selected from the Substituent group A, (2') a C_{2-6} alkenyl optionally having 1 to 5 substituents selected from the Substituent group A, (3') a C_{2-6} alkynyl optionally having 1 to 5 substituents selected from the Substituent group A, (4') a C_{2-8} cycloalkyl optionally having 1 to 5 substituents selected from the Substituent group A, (5') a C_{6-14} aryl optionally having 1 to 5 substituents selected from the Substituent group A, (6') a C_{7-16} aralkyl optionally having 1 to 5 substituents selected from the Substituent group A, (7') a 5 to 14 membered heterocyclic carbonyl containing 1 to 4 hetero atoms, which are 1 or 2 different atoms selected from nitrogen, sulfur and

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oxygen atoms, in addition to carbon atoms, (8') a C_{1-6} alkyl carbonyl optionally having 1 to 5 substituents selected from the Substituent group A, (9') a C_{2-6} alkenyl carbonyl optionally having 1 to 5 substituents selected from the Substituent group A, (10') a C_{2-6} alkynyl carbonyl optionally having 1 to 5 substituents selected from the Substituent group A, (11') a C_{3-8} cycloalkyl carbonyl optionally having 1 to 5 substituents selected from the Substituent group A, (12') a C_{6-14} aryl carbonyl optionally having 1 to 5 substituents selected from the Substituent group A, (13') a C_{7-16} aralkyl carbonyl optionally having 1 to 5 substituents selected from the Substituent group A and (14') a 5- to 14 membered heterocyclic carbonyl containing 1 to 4 hetero atoms, which are 1 or 2 different atoms selected from nitrogen, sulfur and oxygen atoms, in addition to carbon atoms or (19) a C_{1-6} alkoxy carbonyl optionally having 1 to 5 substituents selected from the Substituent group A; and

R^5 represents

- (1) hydrogen atom;
- (2) fluorine atom;
- (3) hydroxy;
- (4) cyano;
- (5) a C_{1-6} alkyl substituted with 1 to 5 halogen atoms;
- (6) a C_{6-14} aryl optionally having 1 to 5 substituents selected from the Substituent group A;
- (7) a C_{1-6} alkyl carbonyl optionally having 1 to 5 substituents selected from the Substituent group A;
- (8) a C_{2-6} alkenyl carbonyl optionally having 1 to 5 substituents selected from the Substituent group A;
- (9) a C_{2-6} alkynyl carbonyl optionally having 1 to 5 substituents selected from the Substituent group A;
- (10) a C_{3-8} cycloalkyl carbonyl optionally having 1 to 5 substituents selected from the Substituent group A;
- (11) a C_{6-14} aryl carbonyl optionally having 1 to 5 substituents selected from the Substituent group A;
- (12) a C_{7-16} aralkyl carbonyl optionally having 1 to 5 substituents selected from the Substituent group A;

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~~(13) a 5- to 14-membered heterocyclic carbonyl containing 1 to 4 hetero atoms, which are 1 or 2 different atoms selected from nitrogen, sulfur and oxygen atoms, in addition to carbon atoms;~~
~~(14) a carbamoyl optionally having 1 or 2 substituents selected from (1') a C₁₋₆ alkyl optionally having 1 to 5 substituents selected from the Substituent group A, (2') a C₂₋₆ alkenyl optionally having 1 to 5 substituents selected from the Substituent group A, (3') a C₂₋₆ alkynyl optionally having 1 to 5 substituents selected from the Substituent group A, (4') a C₃₋₈ cycloalkyl optionally having 1 to 5 substituents selected from the Substituent group A, (5') a C₆₋₁₄ aryl optionally having 1 to 5 substituents selected from the Substituent group A, (6') a C₇₋₁₆ aralkyl optionally having 1 to 5 substituents selected from the Substituent group A, (7') a 5- to 14-membered heterocyclic carbonyl containing 1 to 4 hetero atoms, which are 1 or 2 different atoms selected from nitrogen, sulfur and oxygen atoms, in addition to carbon atoms, (8') a C₁₋₆ alkyl carbonyl optionally having 1 to 5 substituents selected from the Substituent group A, (9') a C₂₋₆ alkenyl carbonyl optionally having 1 to 5 substituents selected from the Substituent group A, (10') a C₂₋₆ alkynyl carbonyl optionally having 1 to 5 substituents selected from the Substituent group A, (11') a C₃₋₈ cycloalkyl carbonyl optionally having 1 to 5 substituents selected from the Substituent group A, (12') a C₆₋₁₄ aryl carbonyl optionally having 1 to 5 substituents selected from the Substituent group A, (13') a C₇₋₁₆ aralkyl carbonyl optionally having 1 to 5 substituents selected from the Substituent group A and (14') a 5- to 14-membered heterocyclic carbonyl containing 1 to 4 hetero atoms, which are 1 or 2 different atoms selected from nitrogen, sulfur and oxygen atoms, in addition to carbon atoms, or~~
~~(15) an amine optionally having 1 or 2 substituents selected from (1') a C₁₋₆ alkyl optionally having 1 to 5 substituents selected from the Substituent group A, (2') a C₂₋₆ alkenyl optionally having 1 to 5 substituents selected from the Substituent group A, (3') a C₂₋₆ alkynyl optionally having 1 to 5 substituents selected from the Substituent group A, (4') a C₃₋₈ cycloalkyl optionally having 1 to 5 substituents selected from the Substituent group A, (5') a C₆₋₁₄ aryl optionally having 1 to 5 substituents selected from the Substituent group A, (6') a C₇₋₁₆ aralkyl optionally having 1 to 5 substituents selected from the Substituent group A, (7') a 5- to 14-membered heterocyclic carbonyl containing 1 to 4 hetero atoms, which are 1 or 2 different atoms selected from nitrogen, sulfur and oxygen atoms, in addition to carbon atoms, (8') a C₁₋₆ alkyl carbonyl optionally having 1 to 5 substituents selected from the Substituent group A, (9') a C₂₋₆ alkenyl carbonyl optionally having 1 to 5 substituents selected from the Substituent group A, (10') a C₂₋₆ alkynyl carbonyl optionally~~

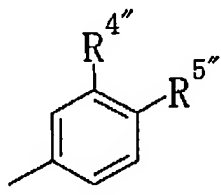
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~~having 1 to 5 substituents selected from the Substituent group A, (11') a C₃₋₈-cycloalkyl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A, (12') a C₆₋₁₄-aryl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A, (13') a C₂₋₁₆-aralkyl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A and (14') a 5- to 14-membered heterocyclic-carbonyl containing 1 to 4 hetero-atoms, which are 1 or 2 different atoms selected from nitrogen, sulfur and oxygen atoms, in addition to carbon atoms); is a group represented by formula:~~



~~(wherein R^{4''} represents hydrogen atom or cyano, and R^{5''} represents hydrogen atom, a C₁₋₆ alkyl-carbonyl or a C₁₋₆ alkyl-carbonylamino); and, n is an integer of 0 to 4], or a salt thereof.~~

2-6. (Canceled)

7. (Previously presented) A 1, 3-benzothiazinone derivative, which is
2-(3-cyanophenyl)-4H-1,3-benzothiazin-4-one,
2-(4-acetylphenyl)-4H-1,3-benzothiazin-4-one,
2-(4-methylsulfonylphenyl)-4H-1,3-benzothiazin-4-one,
2-(4-acetylaminophenyl)-4H-1,3-benzothiazin-4-one, or
2-(3-trifluoromethylphenyl)-4H-1,3-benzothiazin-4-one.

8-10. (Canceled)

11. (Previously presented) A pharmaceutical composition comprising the compound according to claim 1 and a pharmaceutically acceptable carrier.

12-19. (Canceled)

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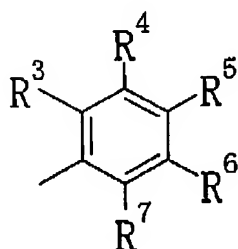
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20. (Previously presented) A compound represented by formula:



wherein, R^2 represents a group represented by formula:



wherein, one of R^3 and R^7 represents hydrogen atom, and the other is a C_{1-6} alkyl optionally having 1 to 5 substituents selected from the Substituent group A or a C_{1-6} alkoxy optionally selected from the Substituent group A; and R^4 , R^5 and R^6 each represents hydrogen atom; one of R^4 and R^6 represents hydrogen atom, and the other is a bromine atom, cyano, an alkyl having a substituent selected from carboxy, a halogen atom, an alkoxycarbonyl and an arylcarbonylamino, a C_{1-6} alkoxy optionally having 1 to 5 substituents selected from the Substituent group A, an optionally substituted amino or alkoxycarbonyl and R^3 , R^7 and R^5 each represents hydrogen atom; and R^5 represents hydroxy, cyano, an alkyl substituted with a halogen atom, aryl, an acyl, a carbamoyl optionally having 1 or 2 substituents selected from (1') a C_{1-6} alkyl optionally having 1 to 5 substituents selected from the Substituent group A, (2') a C_{2-6} alkenyl optionally having 1 to 5 substituents selected from the Substituent group A, (3') a C_{2-6} alkynyl optionally having 1 to 5 substituents selected from the Substituent group A, (4') a C_{3-8} cycloalkyl optionally having 1 to 5 substituents selected from the Substituent group A, (5') a C_{6-14} aryl optionally having 1 to 5 substituents selected from the Substituent group A, (6') a C_{7-16} aralkyl optionally having 1 to 5 substituents selected from the Substituent group A, (7') a 5- to 14-membered heterocyclic carbonyl containing 1 to 4 hetero atoms, which are 1 or 2 different atoms selected from nitrogen, sulfur and oxygen atoms, in addition to carbon atoms, (8') a C_{1-6} alkyl-carbonyl optionally having 1 to 5

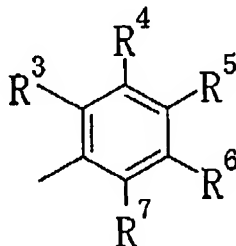
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substituents selected from the Substituent group A, (9') a C_{2-6} alkenyl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A, (10') a C_{2-6} alkynyl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A, (11') a C_{3-8} cycloalkyl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A, (12') a C_{6-14} aryl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A, (13') a C_{7-16} aralkyl-carbonyl optionally having 1 to 5 substituents selected from the Substituent group A and (14') a 5- to 14-membered heterocyclic carbonyl containing 1 to 4 hetero atoms, which are 1 or 2 different atoms selected from nitrogen, sulfur and oxygen atoms, in addition to carbon atoms, or an amino optionally having 1 or 2 substituents selected from (1') a C_{1-6} alkyl optionally having 1 to 5 substituents selected from the Substituent group A, (2') a C_{2-6} alkenyl optionally having 1 to 5 substituents selected from the Substituent group A and R^3 , R^4 , R^6 and R^7 each represents hydrogen atom, or a salt thereof.

21. (Previously presented) The compound according to claim 20, wherein one of R^4 and R^6 represents hydrogen atom, and the other is bromine atom, (iv) hydroxyl, (v) cyano, (vi) a carboxy-substituted alkyl, (vii) a C_{1-6} alkoxy optionally having 1 to 5 substituents selected from the Substituent group A, or an amino optionally having 1 or 2 substituents selected from (1') a C_{1-6} alkyl optionally having 1 to 5 substituents selected from the Substituent group A, (2') a C_{2-6} alkenyl optionally having 1 to 5 substituents selected from the Substituent group A and R^3 , R^7 and R^5 each represents hydrogen atom.

22. (Previously presented) The compound according to claim 20, wherein, R^2 represents: a group represented by formula:



wherein: (I) one of R^3 and R^7 represents: hydrogen atom, and the other is a C_{1-6} alkyl optionally having 1 to 5 substituents selected from the Substituent group A, wherein Substituent group A

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consists of a C₁₋₆ alkyl-carbonyl optionally having 1 to 5 '1 substituents selected from (1') a halogen atom, (2') a C₁₋₃ alkylenedioxy, (3') nitro, (4') cyano, (5') a C₁₋₆ alkyl which may be substituted with 1 to 5 halogen atoms, (6') a C₂₋₆ alkenyl which may be substituted with 1 to 5 halogen atoms, (7') a carboxy-C₂₋₆ alkenyl, (8') a C₂₋₆ alkynyl which may be substituted with 1 to 5 halogen atoms, (9') a C₃₋₈ cycloalkyl which may be substituted with 1 to 5 halogen atoms, (10') a C₆₋₁₄ aryl, (11') a C₁₋₆ alkoxy which may be substituted with 1 to 5 halogen atoms, (12') a C₁₋₆ alkoxy- carbonyl-C₁₋₆ alkoxy, (13') hydroxyl, (14') a C₆₋₁₄ aryloxy, (15') a C₇₋₁₆ aralkyloxy, (16') mercapto, (17') a C₁₋₆ alkylthio which may be substituted with 1 to 5 halogen atoms, (18') a C₆₋₁₄ arylthio, (19') a C₇₋₁₆ aralkylthio, (20') amino, (21') a mono-C₁₋₆ alkylamino, (22') a mono-C₆₋₁₄ arylamino, (23') a di-C₁₋₆ alkylamino, (24') a di-C₆₋₁₄ arylamino, (25') formyl, (26') carboxy, (27') a C₁₋₆ alkyl-carbonyl, (28') a C₃₋₈ cycloalkyl-carbonyl, (29') a C₁₋₆ alkoxy-carbonyl, (30') a C₆₋₁₄ aryl-carbonyl, (31') a C₇₋₁₆ aralkyl-carbonyl, (32') a C₆₋₁₄ aryloxy-carbonyl, (33') a C₇₋₁₆ aralkyloxy- carbonyl, (34') a 5- or 6-membered heterocyclic carbonyl, (35') carbamoyl, (36') a mono- C₁₋₆ alkyl-carbamoyl, (37') a di-C₁₋₆ alkyl-carbamoyl, (38') a mono-C₆₋₁₄ aryl-carbamoyl, (39') a 5- or 6-membered heterocyclic carbamoyl, (40') a C₁₋₆ alkylsulfonyl, (41') a C₆₋₁₄ arylsulfonyl, (42') formylamino, (43') a C₁₋₆ alkyl-carbonylamino, (44') a C₆₋₁₄ aryl- carbonylamino, (45') a C₁₋₆ alkoxy-carbonylamino, (46') a C₁₋₆ alkylsulfonylamino, (47') a C₆₋₁₄ arylsulfonylamino, (48') a C₁₋₆ alkyl-carbonyloxy, (49') a C₆₋₁₄ aryl-carbonyloxy, (50') a C₁₋₆ alkoxy-carbonyloxy, (51') a mono-C₁₋₆ alkyl-carbamoyloxy, (52') a di-C₁₋₆ alkyl-carbamoyloxy, (53') a mono-C₆₋₁₄ aryl-carbamoyloxy, (54') nicotinoyloxy, (55') a 5- to 7-membered saturated cyclic amino, (56') a 5- to 10-membered aromatic heterocyclic group and (57') sulfo; a C₁₋₆ alkoxy optionally having 1 to 5 substituents selected from Substituent group A; and R⁴, R⁵ and R⁶ each represents hydrogen atom; or

(II) one of R⁴ and R⁶ each independently represents:

hydrogen atom; and

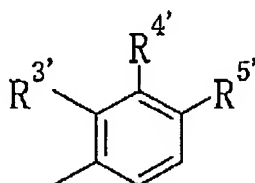
the other is bromine atom; cyano; a C₁₋₆ alkyl having 1 to 3 substituents selected from carboxy, a halogen atom, a C₁₋₆ alkoxy-carbonyl and a C₆₋₁₄ aryl-carbonylamino; a C₁₋₆ alkoxy optionally having 1 to 5 substituents selected from the Substituent group A, an amino having a C₁₋₆ alkyl-carbonyl, a C₁₋₆ alkoxy-carbonyl or

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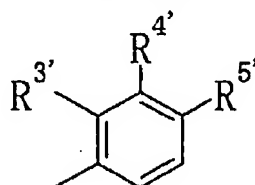
(III) R^5 represents: hydroxy; cyano; a C_{1-6} alkyl substituted with 1 to 5 halogen atoms; a C_{6-14} aryl; a C_{1-6} alkyl-carbonyl; a carbamoyl having 2 C_{1-6} alkyl groups or an amino having a C_{1-6} alkyl-carbonyl group.

23. (Previously presented) The compound according to claim 20, wherein R^2 is a group represented by formula:



(wherein (1) $R^{3'}$ represents a C_{1-6} alkoxy or a C_{1-6} alkyl substituted with 1 to 5 halogen atoms, and $R^{4'}$ and $R^{5'}$ each represents hydrogen atom; (2) $R^{4'}$ represents bromine atom, cyano, a C_{1-6} alkyl having 1 to 3 substituents selected from carboxy, a halogen atom, a C_{1-6} alkoxy-carbonyl and a C_{6-14} aryl-carbonylamino, a C_{1-6} alkoxy substituted with a C_{1-6} alkoxy-carbonyl or a C_{1-6} alkyl-carbonylamino, and $R^{3'}$ and $R^{5'}$ each represents hydrogen atom; or (3) $R^{5'}$ represents hydroxy, cyano, a C_{1-6} alkyl substituted with 1 to 5 halogen atoms, a C_{6-14} aryl, a C_{1-6} alkyl-carbonyl, a di- C_{1-6} alkylcarbamoyl or a C_{1-6} alkyl-carbonylamino, and $R^{3'}$ and $R^{4'}$ each represents hydrogen atom).

24. (Previously presented) The compound according to claim 23, wherein R^2 is a group represented by formula:



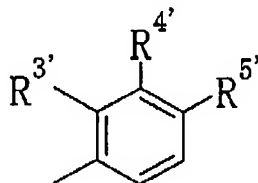
(wherein (1) $R^{3'}$ represents a C_{1-6} alkoxy or a C_{1-6} alkyl substituted with 1 to 5 halogen atoms, and $R^{4'}$ and $R^{5'}$ each represents hydrogen atom; (2) $R^{4'}$ represents bromine atom, cyano, a C_{1-6} alkyl having 1 to 3 substituents selected from carboxy, a halogen atom, a C_{1-6} alkoxy-carbonyl and a C_{6-14} aryl-carbonylamino, a C_{1-6} alkoxy substituted with a C_{1-6} alkoxy-carbonyl or a C_{1-6} alkyl-carbonylamino, and $R^{3'}$ and $R^{5'}$ each represents hydrogen atom; or (3) $R^{5'}$ represents hydroxy, cyano,

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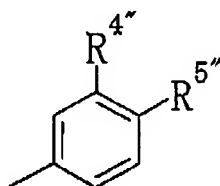
a C₁₋₆ alkyl substituted with 1 to 5 halogen atoms, a C₆₋₁₄ aryl, a C₁₋₆ alkyl-carbonyl, a di-C₁₋₆ alkylcarbonyl or a C₁₋₆ alkyl-carbonylamino, and R^{3'} and R^{4'} each represents hydrogen atom.

25. (Previously presented) The compound according to claim 23, wherein R² is a group represented by formula:



(wherein (1) R^{3'} represents a C₁₋₆ alkyl substituted with 1 to 5 halogen atoms, and R^{4'} and R^{5'} each represents hydrogen atom; (2) R^{4'} represents cyano, a C₁₋₆ alkyl having 1 to 3 substituents selected from carboxy, a halogen atom, a C₁₋₆ alkoxy-carbonyl and a C₆₋₁₄ aryl-carbonylamino, a C₁₋₆ alkoxy substituted with a C₁₋₆ alkoxy-carbonyl or a C₁₋₆ alkyl-carbonylamino, and R^{3'} and R^{5'} each represents hydrogen atom; or (3) R^{5'} represents cyano, a C₁₋₆ alkyl substituted with 1 to 5 halogen atoms, a C₆₋₁₄ aryl or a C₁₋₆ alkyl-carbonylamino, and R^{3'} and R^{4'} each represents hydrogen atom.

26. (Previously presented) The compound according to claim 20, wherein R² is a group represented by formula:



(wherein (1) R^{4''} represents cyano and R^{5''} represents hydrogen atom, or (2) R^{4''} represents hydrogen atom and R^{5''} represents a C₁₋₆ alkyl-carbonyl or a C₁₋₆ alkyl- 1 carbonylamino).

27. (Previously presented) A pharmaceutical composition comprising the compound according to claim 20 and a pharmaceutically acceptable carrier.

28. (Canceled)

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29. (Canceled)

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